

1/7

TABLE 1

Carrier	Example	Nimesulide / Carrier Ratio	Conservation conditions									
			Beginning of stability		15 days in packet and then 25 days at 4°C in closed vial		15 days in packet and then 25 days in open vial		40 days in packet		60 days in packet at room T and RH	
			ΔH_f (ml/mg)	T_r (°C)	ΔH_f (ml/mg)	T_r (°C)	ΔH_f (ml/mg)	T_r (°C)	ΔH_f (ml/mg)	T_r (°C)	ΔH_f (ml/mg)	T_r (°C)
NVP/NA	1	1 / 3	20.4	107.0	4.4	107.8	0	0	0	0	12.1	108.5
	2	1 / 4	10.2	105.0	0	0	0	0	0	0	2.1	105.9
PVP	A	1 / 3	22.8	121.9	18.9	117.6	19.0	123.4	22.5	119.7	18.3	123.6
	B	1 / 4	22.0	119.2	18.2	119.2	16.8	122.4	10.4	118.9	10.7	120.4
PVP-CL	C	1 / 3	21.0	130.0	25.9	132.8	22.5	131.7	21.7	131.9	28.4	131.5
	D	1 / 4	21.0	128.2	19.9	132.0	20.6	131.2	18.6	131.1	15.1	129.3

TABLE 2

Carrier	Example	Nimesulide / Carrier Ratio	Activation time (hours)					
			0		1		2	
			ΔH_f (mJ/mg)	T_f (°C)	ΔH_f (mJ/mg)	T_f (°C)	ΔH_f (mJ/mg)	T_f (°C)
NVP/VA	3	1 / 3	60.6	137.3	34.7	114.9	26.0	108.5
	4	1 / 4	59.6	140.2	19.0	109.4	10.6	107.7
PVP	E	1 / 3	95.8	149.8	28.5	136.0	21.0	135.4
	F	1 / 4	75.9	149.4	15.0	133.0	15.1	130.5
PVP-CL	G	1 / 3	79.2	150.7	32.9	132.6	31.2	132.0
	H	1 / 4	77.2	150.5	24.6	130.6	23.7	129.6

TABLE 4

Carrier	Example	Activation time (hours)							
		0		1		2		3	
		ΔH_f (mJ/mg)	T_f (°C)	ΔH_f (mJ/mg)	T_f (°C)	ΔH_f (mJ/mg)	T_f (°C)	ΔH_f (mJ/mg)	T_f (°C)
-	-	105.5	174.3	-	-	-	-	-	-
NVP/VA	6	-	-	31.5	128.9	17.8	125.4	17.6	124.1
PVP	M	-	-	45.6	153.0	41.2	152.2	34.7	151.7

TABLE 6

Carrier	Example	Time (minutes)		
		5	10	15
NVP/VA	2	93.2 %	97.1 %	98.6 %
PVP	B	79.7 %	93.1 %	95.6 %
PVP-CL	D	40.6 %	65.2 %	75.8 %

TABLE 7

Carrier	Example	Time (minutes)				
		2	4	6	8	10
NVP/VA	5	49.3 %	90.4 %	95.2 %	97.6 %	98.7 %
PVP-CL	I	45.4 %	63.2 %	75.5 %	84.4 %	90.5 %